Appl. No. 10/814,310 Amdt. Dated September 29, 2005 Reply to Office Action of June 6, 2005

## Abstract of the Disclosure:

Methods and system for recording data from an aircraft and alerting with a wireless network are performed in real-time. The methods contain receiving signals containing data from a plurality of aircraft, determining normal thresholds for the data, monitoring and analyzing the data, and generating an alert signal if the data is beyond the thresholds with a ground based computer terminal in real time. The system includes a ground computer and other mechanisms for implementing the method.